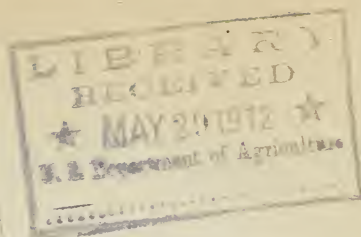


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U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF STATISTICS—CIRCULAR 36.

VICTOR H. OLMSTED, CHIEF OF BUREAU.

FOREIGN CROPS, APRIL, 1912.

(BRITISH INDIA.)

PREPARED BY

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FOREIGN CROPS, APRIL, 1912.

BRITISH INDIA.¹

British India, with a population of over 300 million people and a total area of 1,138,075,482 acres, or about three-fifths of the land area of Continental United States, has an actual surveyed area upon which taxation is based of 624 million acres. Of 383 million acres available for cultivation, 223 million acres are actually cropped. Of the area cultivated, nearly 42 million acres are now under irrigation, a very important factor in agriculture in British India, as the failure of the monsoons in certain years has been the cause of great famines.

In the following statement may be found the areas in British India in 1909-10, as returned by the Department of Revenue and Agriculture of India:

Areas in British India, 1909-10.

[From Department of Revenue and Agriculture.]

Item.	Acres.
Total area.....	1, 138, 075, 482
British Provinces (including native States under the control of local governments).....	753, 728, 835
Native States under the control of the Government of India.....	317, 421, 207
Certain native States in Burma not under control of local governments.....	37, 065, 600
British Baluchistan.....	29, 859, 840
Actual surveyed area.....	624, 316, 086
Forests.....	81, 189, 511
Barren, or appropriated to other uses than agriculture.....	157, 625, 834
Available for cultivation.....	382, 913, 406
Cultivated.....	222, 911, 930
Fallow.....	45, 336, 274
Uncultivated.....	114, 665, 202
Irrigated.....	41, 581, 436

The most important source of public income in India is the taxation of land; for the purpose of assessment, therefore, the returns of the surveyed areas are very complete. Statistics of the surveyed area, collected by the Department of Revenue and Agriculture, are of record for the whole of India beginning with 1866. Statistics of crop production, however, are collected by the Commercial Intelligence Department, and the areas upon which yields are based are, in the case of nearly every crop, smaller than those shown in the surveyed area. In the case of rice the statistics of production are only for about 78 per cent of the total area sown.

¹ All tables in this circular, excepting where otherwise stated, are from the Commercial Intelligence Department of the Government of India.

The reports of the Commercial Intelligence Department state that its statistics of the area and production of jute and cotton are uncertain. The estimates of the acreage in wheat are regarded as the most complete. For the other crops, however, the estimates of area apply only to the specified regions where those crops are largely grown, and not to the whole of India. Statistics of area and production of various crops are collected in Bengal, Eastern Bengal, Assam, Madras, Lower Burma, Punjab, North-West Frontier, United Provinces, Central Provinces, Bombay, Berar, Central India, Rajputana, Sind, Hyderabad, Mysore, Burma, Ajmer-Merwara, and Cooch Bihar. Of the areas under the various crops, rice leads in relative importance with nearly 79 million acres in 1909-10, millet follows with 38 million, wheat has nearly 23 million, and cotton over 13 million acres.

In the following statement are given the areas planted to the various crops in the years ending March 31, 1905-6 to 1909-10, as returned by the Department of Revenue and Agriculture:

Crop areas sown in British India, 1905-6 to 1909-10.

[From Department of Revenue and Agriculture.]

Crop.	1909-10	1908-9	1907-8	1906-7	1905-6
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Rice.....	78,731,137	72,800,536	75,980,682	73,541,118	73,400,523
Wheat.....	22,769,918	21,198,764	18,424,191	25,137,416	22,402,307
Barley.....	8,104,753	8,002,683	7,629,550	7,700,109	7,326,755
Millet.....	38,105,334	40,788,133	37,096,980	35,815,361	32,272,757
Maize.....	6,857,925	6,784,224	6,296,375	6,171,715	5,790,543
Pulse.....	13,153,400	11,264,479	6,816,816	13,411,948	11,024,170
Other food grains.....	35,941,871	35,998,418	34,125,198	33,339,549	31,438,386
Flaxseed.....	2,256,979	1,981,826	1,401,220	2,514,884	2,232,523
Sesamum.....	4,740,092	4,232,568	4,287,728	3,908,328	3,914,737
Rape and mustard.....	4,093,581	3,887,122	3,297,455	4,231,554	3,503,060
Other oilseeds.....	3,534,396	4,004,082	3,499,570	3,310,599	2,850,933
Condiments and spices.....	1,370,301	1,243,749	1,270,845	1,315,448	1,201,691
Sugar-cane.....	2,184,801	2,254,067	2,705,645	2,456,860	2,241,750
Cotton.....	13,172,188	12,958,974	13,909,269	13,771,268	13,099,359
Jute.....	2,756,784	2,835,454	3,942,675	3,523,558	3,140,822
Other fibers.....	824,668	722,717	746,696	692,484	651,729
Indigo.....	295,706	286,354	405,905	448,594	401,138
Opium.....	374,208	416,318	538,042	614,879	654,078
Coffee.....	94,455	97,233	99,511	96,050	99,160
Tea.....	525,729	520,487	513,437	507,409	507,920
Tobacco.....	1,013,352	953,712	974,458	1,009,210	1,018,506
Cinchona.....	4,181	4,324	4,953	5,392	5,309
Indian hemp.....	1,918	2,009	2,467	1,995	2,645
Fodder crops.....	4,748,899	4,627,878	4,908,324	4,547,723	3,933,735
Orchards and gardens.....	4,297,243	4,224,329	4,235,732	4,020,136	3,921,010
Miscellaneous crops.....	3,171,836	3,397,827	3,612,748	3,742,108	3,680,595

Of the 223 million acres under cultivation, 41½ million, or nearly 20 per cent, are irrigated. In the five-year period from 1905-6 to 1909-10 the area under irrigation increased from 35 million to over 41 million acres, an increase of 17 per cent. Of this area, over one-third is irrigated from Government canals, the next largest source being from driven wells. Punjab, Madras, Agra, Bengal, Sind, and Oudh are the principal provinces which have extensive irrigation systems. In the subjoined statement will be found the area irrigated

from the various sources in British India, by provinces and states, in 1909-10:

Area irrigated from canals, tanks, wells, etc., in British India, by provinces and states, in 1909-10.

[From Department of Revenue and Agriculture.]

Province and state.	Government canals.	Private canals.	Tanks. ¹	Wells.	Other sources.	Total.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Upper Burma.....	409,088	231,713	223,586	7,705	85,587	957,679
Lower Burma.....	219	21,162	2,870	1,754	73,392	99,397
Assam.....	80	86,646	.....	.....	170	86,896
Eastern Bengal.....	.....	62,600	400	.....	1,200	64,200
Bengal.....	972,413	346,216	1,619,281	659,730	1,663,577	5,261,217
Agra.....	2,085,921	8,862	36,881	4,125,010	1,374,985	7,631,659
Oudh.....	.....	.....	.....	1,782,038	678,864	2,460,902
Ajmer-Merwara.....	.....	.....	48,868	125,714	71	174,653
Central India.....	.....	.....	.....	208	.....	208
Punjab.....	6,241,716	527,950	34,079	2,985,574	153,607	9,942,926
North-West Frontier.....	221,456	424,083	.....	96,077	98,899	840,515
Sind.....	2,837,264	20,119	.....	29,377	171,145	3,057,905
Bombay.....	152,994	12,646	112,051	512,920	92,280	882,891
Central Provinces.....	24,877	.....	677,810	98,677	37,481	838,845
Berar.....	.....	.....	230	57,502	493	58,225
Madras.....	3,416,138	215,173	3,105,039	1,398,849	1,083,367	9,218,566
Coorg.....	1,790	.....	1,962	.....	.....	4,752
Total.....	16,364,956	1,957,170	5,863,057	11,881,135	5,515,118	41,581,436

¹ Reservoirs.

RICE.

The largest area devoted to any one food crop in British India is that under rice, nearly 79 million acres being planted to that commodity in 1909-10; statistics of production were returned by the Commercial Intelligence Department for over 58 million acres, the outturn being over 62 billion pounds. As regards the principal food crop in India, it is difficult to assign the honor to any one crop, as in many portions of the country millet ranks first, in others rice, while in some portions Indian corn is the principal food grain. The principal provinces for which statistics of production are collected are Bengal, with an average annual acreage of over 25 million acres, Eastern Bengal and Assam, with an annual average of over 15 million acres, and Madras and Lower Burma, each with an average of more than 6 million acres.

From the latest data available regarding the yield per acre of rice, revised with reference to crop experiments made up to the year 1906-7, the outturn in Bengal is estimated to be about 800 pounds of autumn to 1,200 pounds of winter rice; in Eastern Bengal and Assam from less than 700 pounds of autumn sown to slightly more than 1,100 of spring or summer sown; in Madras the yield varies from 900 pounds grown on unirrigated to 1,100 pounds on irrigated fields; in Lower Burma, which has very little irrigation, the yield is given as 1,176 pounds on unirrigated soil.

In the following tables are shown the area, production, and exports of cleaned rice in British India in the years 1891-92 to 1911-12; also the principal countries to which India exported rice in the five-year period 1906-7 to 1910-11:

Area, production, and exports of cleaned rice in British India, 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports.	
			Year beginning Apr. 1—	Pounds.
	<i>Acres.</i>	<i>Pounds.</i>		
1891-92.....	49,539,031	35,258,066,032	1892	3,068,297,456
1892-93.....	48,358,707	47,071,654,000	1893	2,690,231,488
1893-94.....	49,525,300	51,421,372,800	1894	3,776,811,136
1894-95.....	50,002,241	55,764,999,360	1895	3,879,189,888
1895-96.....	49,396,747	46,519,771,200	1896	3,115,876,064
1896-97.....	48,021,462	30,875,723,200	1897	2,942,474,864
1897-98.....	52,205,466	55,815,278,400	1898	4,187,994,048
1898-99.....	52,682,050	56,631,747,200	1899	3,568,605,152
1899-1900.....	51,969,635	50,573,987,520	1900	3,479,357,840
1900-1901.....	48,932,493	46,312,750,400	1901	3,779,086,192
1901-2.....	48,511,190	43,040,939,200	1902	5,267,711,344
1902-3.....	51,842,390	52,582,297,600	1903	4,977,412,832
1903-4.....	49,461,465	49,199,438,400	1904	5,473,809,264
1904-5.....	51,586,900	50,227,643,200	1905	4,727,729,328
1905-6.....	54,428,600	48,511,489,600	1906	4,262,044,976
1906-7.....	54,157,600	47,907,305,600	1907	4,222,417,360
1907-8.....	54,677,300	42,471,665,600	1908	3,323,462,352
1908-9.....	53,088,300	43,789,748,800	1909	4,300,251,536
1909-10.....	58,119,000	62,399,232,000	1910	5,297,917,744
1910-11 ¹	57,852,000	62,051,248,000	1911	(²)
1911-12 ³	56,443,000	58,463,104,000		

¹ Figures subject to revision.

² No data.

³ Preliminary estimate.

Exports of cleaned rice from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
United Kingdom.....	296,790,144	342,398,224	286,081,264	320,571,104	396,377,184
Aden.....	43,934,576	18,855,984	28,756,448	39,304,944	36,293,600
Ceylon.....	686,294,336	573,753,040	507,116,624	592,524,688	733,089,504
Straits Settlements.....	455,467,936	502,229,840	340,862,592	453,914,832	653,443,616
Cape Colony.....	28,218,736	14,272,496	13,277,264	12,089,840	8,022,896
Natal.....	36,940,064	40,296,704	30,153,424	36,963,136	36,966,384
Mauritius.....	133,917,952	107,211,552	116,916,800	101,009,776	128,410,464
British East Africa.....	54,055,008	12,195,232	13,303,096	14,310,912	15,363,824
British West Indies.....	10,562,384	7,556,752	8,472,128	6,340,544	18,231,360
Commonwealth of Australia.....	32,990,160	17,082,352	39,678,912	33,337,248	48,027,280
Sweden.....	19,812,688	7,010,976	21,395,024	11,200,000	38,201,632
Germany.....	746,451,328	693,159,936	502,819,968	747,034,512	735,783,776
Netherlands.....	419,295,968	415,855,888	357,244,272	461,988,128	506,353,680
Belgium.....	71,823,808	92,452,640	115,313,744	82,849,536	96,909,680
France.....	26,069,344	36,296,176	13,554,576	24,280,928	24,887,408
Austria-Hungary.....	353,734,304	380,654,736	277,958,016	415,379,888	380,021,600
Roumania.....	16,236,752	32,640,160	20,607,888	34,763,680	47,706,736
Turkey, Asiatic.....	50,263,136	45,622,640	43,562,512	73,396,960	78,396,960
Arabia.....	37,718,688	35,018,256	54,271,952	49,116,368	56,658,784
Persia.....	7,910,560	12,709,008	16,933,840	16,612,736	12,839,456
Sumatra.....	13,739,936	19,189,744	22,106,384	40,365,360	29,119,552
Java.....	43,269,520	144,168,192	22,416,016	230,932,688	578,165,616
Chinese Empire.....	25,526,256	24,399,312	2,551,024	3,953,936	52,998,176
Japan.....	298,262,720	279,781,376	46,037,936	29,271,872	138,022,976
Egypt.....	186,734,688	132,238,512	205,446,752	176,980,944	161,885,696
Portuguese East Africa.....	18,204,704	21,511,168	14,787,248	17,149,776	18,126,976
German East Africa.....	15,028,048	15,560,160	21,034,832	20,512,912	23,362,304
Argentina.....	13,408,976	33,099,920	33,637,744	27,852,832	33,061,840
Chile.....	19,422,368	19,601,344	10,645,264	18,109,280	19,448,128
Other countries.....	99,959,888	145,535,040	135,518,208	208,212,176	196,740,656
Total.....	4,262,044,976	4,222,417,360	3,323,462,352	4,300,251,536	5,297,917,744

WHEAT.

As a producer of wheat India usually ranks third, being surpassed only by the United States and Russia; and as an exporter India has in late years shipped nearly as much of this grain as the United States. The Indian wheat as a rule is remarkably free from excess of moisture, and is therefore well adapted for mixing with English wheats, which are often too moist. In recent years more than 75 per cent of the total exports of wheat from India has been to the United Kingdom, smaller amounts going to France, Belgium, and other countries. The natural weight per bushel of Indian wheat varies from 60 to 65 pounds, while the specific weight per bushel of English wheat is 60½ pounds.

The leading provinces and states in the production of wheat are Punjab, United Provinces, Central Provinces, Central India, Hyderabad, Rajputana, Bengal, Bombay, North-West Frontier; it is grown on a smaller scale in Eastern Bengal, Berar, Sind, and Mysore. The average yield ranges from 510 pounds per acre on unirrigated land in Bombay to 1,250 pounds per acre in United Provinces on irrigated soil.

Area, production, and exports of wheat in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports.		
			Year beginning Apr. 1—	Wheat.	Flour.
	<i>Acres.</i>	<i>Bushels (60 lbs.).</i>		<i>Bushels (60 lbs.).</i>	<i>Barrels (196 lbs.).</i>
1891-92.....	27,032,772	227,499,664	1892	27,950,446	295,614
1892-93.....	27,759,158	285,566,587	1893	22,692,229	349,217
1893-94.....	28,716,735	271,375,328	1894	12,857,210	336,150
1894-95.....	28,421,851	261,293,387	1895	18,672,102	378,131
1895-96.....	24,071,320	200,866,101	1896	3,566,366	342,738
1896-97.....	20,579,727	200,229,456	1897	4,466,200	288,733
1897-98.....	24,537,775	269,113,003	1898	36,438,259	390,093
1898-99.....	25,370,078	255,273,163	1899	18,114,296	318,797
1899-1900.....	18,187,782	199,999,968	1900	93,373	284,198
1900-1901.....	23,864,550	264,825,083	1901	13,667,394	302,473
1901-2.....	23,446,161	227,379,563	1902	19,212,013	410,330
1902-3.....	23,395,277	297,600,651	1903	48,367,782	463,098
1903-4.....	28,413,743	359,936,080	1904	80,267,604	589,426
1904-5.....	28,470,200	283,062,827	1905	35,000,872	513,746
1905-6.....	26,357,400	319,951,893	1906	29,920,639	467,693
1906-7.....	29,212,500	317,023,467	1907	32,870,474	425,360
1907-8.....	22,911,300	228,670,400	1908	4,097,604	344,050
1908-9.....	26,235,900	285,189,333	1909	39,221,438	400,618
1909-10.....	28,106,500	359,654,400	1910	47,269,631	460,021
1910-11 ¹	29,794,500	371,645,867	1911	(²)	(²)
1911-12 ³	29,444,000	(²)			

¹ Figures subject to revision.

² No data.

³ Preliminary.

Exports of wheat from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Bushels (60 lbs.).</i>	<i>Bushels (60 lbs.).</i>	<i>Bushels (60 lbs.).</i>	<i>Bushels (60 lbs.).</i>	<i>Bushels (60 lbs.).</i>
United Kingdom.....	27,272,978	28,803,617	3,865,004	33,058,514	38,882,118
Aden.....	52,950	42,588	21,140	23,022	20,451
Hongkong.....	29,338	536,711	25,187	29,549	26,445
Sweden.....	363,813	148,781	.....	.....	320,693
Belgium.....	1,476,111	2,629,482	.....	4,507,024	2,233,931
France.....	362,367	593,947	14,967	661,476	5,247,310
Arabia.....	80,929	25,069	39,555	63,803	31,659
Other countries.....	282,152	90,279	131,751	878,050	507,024
Total.....	29,920,639	32,870,474	4,097,604	39,221,438	47,269,631

COTTON.

Cotton is indigenous to India and its fiber has been used by the inhabitants in the manufacture of clothing for ages, but it was not until the high prices caused by the Civil War in the United States that India assumed a prominent place in the world's production. In consumption of raw cotton India ranks fourth, being surpassed by the United States, the United Kingdom, and Germany. The number of active cotton spindles increased from 4,945,000 in 1900 to 6,250,000 in 1911, and the quantity of cotton consumed by mills from 1,162,000 bales of 500 pounds each to 1,650,000. It is also estimated that about 650,000 bales are consumed annually in the homes of the people. The acreage devoted to cotton has increased from 11½ million acres in 1891-92 to over 22 million acres in 1910-11, and the production from less than 2 million bales to more than 3½ million bales in the same period, the high record being in 1909-10, when over 4 million bales were grown. The exports have increased from about 1 million bales in 1892-93 to nearly 2 million bales in 1910-11, the greatest amount exported in any one year being slightly over 2 million bales in 1910.

The principal provinces and states in which cotton is grown are Bombay, Berar, Madras, Hyderabad, United Provinces, and Punjab, while small amounts are grown in several other provinces. The average yield per acre of lint cotton varies widely, ranging from 30 pounds on unirrigated land in Ajmer-Merwara to 308 pounds on irrigated soil in Sind. The statistics relating to the production of cotton in India contain figures on practically all the area under cotton, but these production figures are said to be uncertain.

Area, production, and exports of cotton in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports (lint cotton).	
			Year be- ginning Apr. 1—	Bales (500 lbs).
	<i>Acres.</i>	<i>Bales (500 lbs.).</i>		
1891-92.....	11,569,140	1,909,021	1892	1,072,781
1892-93.....	13,422,107	1,854,422	1893	1,072,711
1893-94.....	15,404,156	2,045,230	1894	758,172
1894-95.....	14,959,103	1,791,215	1895	1,175,648
1895-96.....	14,515,662	2,305,634	1896	1,168,389
1896-97.....	14,643,495	2,121,278	1897	833,846
1897-98.....	13,683,437	2,591,004	1898	1,212,067
1898-99.....	14,602,892	2,966,206	1899	979,657
1899-1900.....	11,884,576	1,924,702	1900	800,957
1900-1901.....	14,231,150	2,746,001	1901	1,276,803
1901-2.....	14,506,295	3,063,037	1902	1,354,037
1902-3.....	16,581,046	3,479,738	1903	1,776,561
1903-4.....	18,025,000	3,271,414	1904	1,267,334
1904-5.....	19,918,000	3,394,882	1905	1,657,496
1905-6.....	21,072,000	3,574,761	1906	1,657,788
1906-7.....	22,484,000	4,123,663	1907	1,917,893
1907-8.....	21,630,000	3,265,921	1908	1,522,844
1908-9.....	19,999,000	3,600,120	1909	2,008,841
1909-10.....	20,545,000	4,182,400	1910	1,945,754
1910-11.....	22,218,000	3,704,000	1911	(²)
1911-12 ³	20,393,000	2,508,000		

¹ Figures subject to revision.² No data.³ Preliminary.*Exports of lint cotton from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.*

Countries of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Bales (500 lbs.).</i>	<i>Bales (500 lbs.).</i>	<i>Bales (500 lbs.).</i>	<i>Bales (500 lbs.).</i>	<i>Bales (500 lbs.).</i>
United Kingdom.....	101,185	101,374	85,705	121,159	129,970
Hongkong.....	26,283	22,131	23,356	24,986	21,179
Germany.....	372,561	421,125	254,594	297,280	312,331
Belgium.....	246,793	280,873	214,113	240,724	245,025
France.....	125,520	139,917	102,071	111,698	111,816
Spain.....	31,206	35,231	23,895	25,813	47,042
Italy.....	195,691	237,554	190,547	209,732	245,454
Austria-Hungary.....	138,598	139,356	85,055	164,388	153,645
Japan.....	387,286	502,800	497,989	738,545	638,871
Other countries.....	32,665	37,534	45,519	83,514	40,421
Total.....	1,657,788	1,917,893	1,522,844	2,008,841	1,945,754

FLAXSEED.

Owing to the increasing demand and high prices of flaxseed in late years India occupies a prominent position in the world's production and trade in this commodity. Lately the exports have amounted to from 50 to 75 per cent of the total yield, the United Kingdom, Belgium, France, and Germany taking the bulk of that exported. During the year ending June 30, 1911, the United States imported 2,333,863 bushels from India, the total imports for that year from all sources being 10,499,227 bushels. The statistics relating to production in India ordinarily contain figures for about 95 per cent of the total area under this crop. The estimated average yield per acre ranges from 205 pounds in Central Provinces and Berar to 500 pounds in United Provinces.

In the following statement may be found the area, production, and exports of flaxseed in India for a series of years.

Area, production, and exports of flaxseed in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.		Production.		Exports.	
	Pure.	Mixed.	Pure.	Mixed.	Year beginning Apr. 1—	Bushels (56 lbs.).
	<i>Acres.</i>	<i>Acres.</i>	<i>Bushels (56 lbs.).</i>	<i>Bushels (56 lbs.).</i>		
1891-92.....	3,211,000	545,000	15,600,000	3,880,000	1892	15,635,108
1892-93.....	3,824,700	604,000	19,596,000	3,760,000	1893	20,490,352
1893-94.....	4,854,100	503,000	22,392,000	2,600,000	1894	18,032,764
1894-95.....	3,781,684	603,000	10,871,920	2,155,960	1895	11,257,148
1895-96.....	2,954,093	560,000	11,496,280	3,298,480	1896	10,700,340
1896-97.....	2,020,747	345,000	6,499,160	2,340,160	1897	9,366,788
1897-98.....	2,707,887	425,000	14,199,760	3,639,040	1898	17,653,666
1898-99.....	2,829,475	445,000	13,464,400	3,651,360	1899	14,586,188
1899-1900.....	1,648,903	409,000	8,248,800	3,578,560	1900	10,120,378
1900-1901.....	2,417,991	466,000	9,880,960	3,160,000	1901	14,655,738
1901-2.....	2,546,604	498,000	10,072,320	4,004,520	1902	12,656,370
1902-3.....	2,592,237	621,000	14,382,720	4,880,000	1903	17,232,712
1903-4.....	3,609,079	592,000	18,673,280	4,200,000	1904	22,364,018
1904-5.....	3,747,400	647,000	11,841,400	1,960,000	1905	11,577,720
1905-6.....	2,711,800	567,000	10,608,000	3,520,000	1906	8,757,652
1906-7.....	3,110,200	633,000	12,488,000	4,520,000	1907	12,395,764
1907-8.....	1,830,400	269,000	5,328,000	1,200,000	1908	6,419,094
1908-9.....	2,498,000	499,000	8,788,000	3,120,000	1909	9,354,394
1909-10.....	2,591,100	597,000	12,312,000	4,800,000	1910	14,822,072
1910-11 ¹	3,064,900	656,000	16,632,000	5,680,000	1911	(⁴)
1911-12 ²	³ 3,464,800	-----	(⁴)	(⁴)	-----	-----

¹ Figures subject to revision.

² Preliminary.

³ Including mixed.

⁴ No data.

Exports of flaxseed from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Bushels (56 lbs.).</i>	<i>Bushels (56 lbs.).</i>	<i>Bushels (56 lbs.).</i>	<i>Bushels (56 lbs.).</i>	<i>Bushels (56 lbs.).</i>
United Kingdom.....	3,161,656	4,412,354	2,735,294	3,848,066	5,355,472
Commonwealth of Australia.....	14,468	16,114	20,280	24,292	28,270
Germany.....	1,191,724	1,604,700	153,366	739,960	1,092,248
Netherlands.....	31,740	416,756	56,056	114,952	416,042
Belgium.....	635,704	797,244	236,900	905,664	2,959,794
France.....	2,236,670	3,283,146	2,043,592	2,193,152	2,570,460
Italy.....	1,064,044	1,162,906	1,043,614	1,024,074	853,194
Austria-Hungary.....	342,750	366,580	72,000	280,096	300,012
United States.....	-----	37,458	-----	100,112	1,051,450
Other countries.....	78,896	298,506	58,052	124,026	195,130
Total.....	8,757,652	12,395,764	6,419,094	9,354,394	14,822,072

OTHER CROPS.

Estimates of the production of sugar cane, jute, rape, and mustard seed, sesamum, peanuts, and indigo are also collected. In the following tables are shown the acreage, production, and exports, and the principal countries to which the exports are consigned.

The statistics of production for these crops cover the following percentages of the area sown: Sugar cane, 98 per cent; jute, practically all; rape and mustard seed, 99 per cent; sesamum, 79 per cent; indigo, 98 per cent.

Area of sugar cane and production and exports of raw sugar in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production (raw sugar).	Exports.	
			Year be- ginning Apr. 1—	Tons. (2,240 lbs.).
	<i>Acres.</i>	<i>Tons (2,240 lbs.).</i>		
1891-92.....	(1)	(1)	1892	41,812
1892-93.....	(1)	(1)	1893	64,879
1893-94.....	(1)	(1)	1894	50,914
1894-95.....	(1)	(1)	1895	53,188
1895-96.....	(1)	(1)	1896	58,098
1896-97.....	(1)	(1)	1897	29,339
1897-98.....	(1)	(1)	1898	16,546
1898-99.....	2,483,681	2,076,234	1899	29,689
1899-1900.....	2,541,470	1,860,005	1900	14,889
1900-1901.....	2,404,156	2,276,748	1901	7,562
1901-2.....	2,316,391	2,022,476	1902	11,103
1902-3.....	2,207,829	1,906,784	1903	10,627
1903-4.....	2,114,592	1,871,986	1904	10,933
1904-5.....	2,244,800	2,169,000	1905	12,823
1905-6.....	2,111,000	1,725,500	1906	9,389
1906-7.....	2,351,800	2,205,300	1907	10,970
1907-8.....	2,039,200	2,046,900	1908	9,833
1908-9.....	2,202,800	1,872,900	1909	7,242
1909-10.....	2,112,800	2,127,100	1910	10,091
1910-11 ²	2,131,500	2,226,400	1911	(1)
1911-12 ³	2,331,700	2,390,400		

¹ No data.² Figures subject to revision.³ Preliminary.

Area, production, and exports of jute in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports.	
			Year be- ginning Apr. 1—	Bales (500 lbs.).
	<i>Acres.</i>	<i>Bales (500 lbs.).</i>		
1891-92.....	(1)	(1)	1892	2,360,403
1892-93.....	2,135,142	4,573,920	1893	1,946,590
1893-94.....	2,222,600	4,001,360	1894	2,906,801
1894-95.....	2,264,300	4,915,440	1895	2,747,759
1895-96.....	2,242,700	4,440,800	1896	2,568,016
1896-97.....	2,196,600	4,573,600	1897	3,365,225
1897-98.....	2,151,600	5,471,200	1898	2,209,658
1898-99.....	1,624,400	4,267,200	1899	2,178,455
1899-1900.....	1,961,800	4,329,600	1900	2,739,860
1900-1901.....	2,093,400	5,220,800	1901	3,305,146
1901-2.....	2,263,800	5,950,400	1902	2,920,173
1902-3.....	2,142,700	5,261,600	1903	3,073,604
1903-4.....	2,275,050	5,792,800	1904	2,884,070
1904-5.....	2,899,700	5,920,000	1905	3,243,611
1905-6.....	3,128,300	6,512,720	1906	3,577,387
1906-7.....	3,482,900	7,365,120	1907	3,178,918
1907-8.....	3,974,300	7,854,240	1908	4,005,098
1908-9.....	2,856,700	5,048,640	1909	3,272,273
1909-10.....	2,776,600	5,765,280	1910	2,852,071
1910-11 ²	2,937,800	6,345,600	1911	(1)
1911-12 ³	3,106,400	6,587,760		

¹ No data.² Figures subject to revision.³ Preliminary.

Exports of unmanufactured jute from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
United Kingdom.....	768,050,752	611,136,848	746,464,544	666,629,488	525,783,216
Germany.....	387,496,480	331,186,464	413,306,544	365,635,200	333,787,552
France.....	182,918,064	195,593,888	206,438,400	186,623,696	162,247,568
Spain.....	38,254,720	43,615,376	48,703,648	49,556,416	37,197,440
Italy.....	69,216,896	61,046,720	69,740,496	81,321,968	92,901,200
Austria-Hungary.....	86,038,736	101,596,992	112,452,256	78,785,952	90,279,392
United States.....	230,559,840	221,922,960	373,638,720	160,004,880	144,159,120
Other countries.....	26,158,048	23,359,616	31,804,528	47,579,056	39,680,032
Total.....	1,788,693,536	1,589,458,864	2,002,549,136	1,636,136,656	1,426,035,520

Area, production, and exports of rape and mustard seed in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.		Production.		Exports.	
	Pure.	Mixed.	Pure.	Mixed.	Year beginning Apr. 1—	Tons (2,000 lbs.).
	<i>Acres.</i>	<i>Acres.</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>		
1891-92.....	1,175,100	1,495,000	196,305	403,200	1892	161,255
1892-93.....	3,674,900	1,731,000	697,290	411,040	1893	413,276
1893-94.....	3,676,000	1,557,000	611,762	268,800	1894	274,953
1894-95.....	3,582,181	1,613,000	583,555	241,976	1895	132,147
1895-96.....	3,004,913	1,290,000	517,512	403,176	1896	109,208
1896-97.....	2,910,682	1,526,000	494,832	381,474	1897	200,691
1897-98.....	3,822,996	1,459,000	764,744	488,825	1898	271,507
1898-99.....	3,109,988	1,509,000	635,822	460,301	1899	193,242
1899-1900.....	2,693,768	1,381,000	501,700	476,528	1900	98,661
1900-1901.....	4,077,366	1,449,000	728,252	416,640	1901	391,415
1901-2.....	3,082,662	1,461,000	588,039	482,291	1902	222,534
1902-3.....	3,421,883	2,335,000	584,557	577,920	1903	245,994
1903-4.....	3,583,445	2,429,000	697,991	607,040	1904	293,400
1904-5.....	3,640,000	2,509,000	605,248	376,320	1905	116,937
1905-6.....	4,002,800	2,026,000	631,232	445,760	1906	211,481
1906-7.....	4,183,100	2,210,000	704,592	474,880	1907	301,955
1907-8.....	3,330,200	1,870,000	527,520	243,040	1908	157,240
1908-9.....	3,875,500	2,153,000	632,240	473,760	1909	374,828
1909-10.....	4,361,600	2,269,000	842,688	521,920	1910	373,655
1910-11 ¹	4,128,200	2,371,000	772,016	628,320	1911	(2)
1911-12 ²	4,308,300					

¹ Figures subject to revision.

² No data.

³ Preliminary.

⁴ Includes mixed.

Exports of rape seed from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>
United Kingdom.....	39,759	42,844	12,156	32,895	45,675
Germany.....	41,347	85,323	41,789	105,498	104,320
Belgium.....	67,291	92,163	60,595	130,535	103,639
France.....	56,575	67,954	35,317	77,223	90,412
Italy.....	2,126	3,282	1,948	5,995	8,712
Austria-Hungary.....	337	3,477	2,868	11,461	6,932
Other countries.....	1,377	4,188	211	7,634	9,520
Total.....	208,812	299,231	154,884	371,241	369,210

Area, production, and exports of sesamum in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.		Production.		Exports.	
	Pure.	Mixed.	Pure.	Mixed.	Year beginning Apr. 1—	Tons (2,000 lbs.).
	<i>Acres.</i>	<i>Acres.</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>		
1891-92.....	2,037,000	551,000	178,976	35,840	1892	143,037
1892-93.....	2,423,800	407,000	268,706	44,800	1893	135,760
1893-94.....	2,619,240	509,000	249,322	56,000	1894	130,188
1894-95.....	3,000,969	448,000	311,285	44,800	1895	137,841
1895-96.....	3,171,472	560,000	315,984	61,600	1896	88,845
1896-97.....	3,369,198	672,000	281,073	50,400	1897	112,618
1897-98.....	3,662,109	584,000	398,515	67,200	1898	171,932
1898-99.....	3,530,625	713,000	389,892	78,400	1899	138,310
1899-1900.....	3,316,067	517,000	238,847	67,200	1900	103,275
1900-1901.....	4,052,491	622,000	81,599	84,000	1901	137,040
1901-2.....	3,711,711	611,000	107,755	67,200	1902	209,030
1902-3.....	4,435,648	717,000	104,817	89,600	1903	196,703
1903-4.....	4,838,164	747,000	604,215	78,400	1904	140,938
1904-5.....	4,178,700	600,000	336,448	39,200	1905	94,372
1905-6.....	3,913,800	700,000	386,176	50,400	1906	153,486
1906-7.....	3,864,900	775,000	505,120	100,800	1907	86,989
1907-8.....	4,016,800	900,000	286,384	33,600	1908	92,803
1908-9.....	3,987,900	1,000,000	408,016	112,000	1909	167,083
1909-10.....	4,515,000	900,000	527,296	100,800	1910	181,803
1910-11 ¹	4,288,500	900,000	472,192	100,800	1911	(²)
1911-12 ³	3,364,700	800,000	270,256	78,400		

¹ Figures subject to revision.² No data.³ Preliminary estimate.*Exports of sesamum from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.*

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>	<i>Tons (2,000 lbs.).</i>
Aden.....	787	379	239	144	44
Ceylon.....	677	634	744	414	629
Germany.....	17,447	9,670	8,531	13,481	10,640
Belgium.....	48,279	22,470	14,485	40,528	25,533
France.....	59,393	33,557	32,944	73,690	95,625
Italy.....	8,866	5,078	11,063	10,757	23,987
Austria-Hungary.....	10,741	12,071	20,954	23,196	23,142
Egypt.....	6,189	2,459	3,376	2,774	1,775
Other countries.....	1,107	671	472	2,099	425
Total.....	153,486	86,989	92,808	167,083	181,806

Area, production, and exports of peanuts in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports.	
			Year beginning Apr. 1—	Pounds.
	<i>Acres.</i>	<i>Pounds.</i>		
1891-92.....	(¹)	(¹)	1892	170,777,152
1892-93.....	(¹)	(¹)	1893	172,139,360
1893-94.....	(¹)	(¹)	1894	253,928,864
1894-95.....	(¹)	(¹)	1895	123,247,248
1895-96.....	243,400	(¹)	1896	54,438,920
1896-97.....	306,026	(¹)	1897	5,010,768
1897-98.....	214,803	125,354,880	1898	9,829,232
1898-99.....	217,814	158,056,640	1899	17,462,928
1899-1900.....	173,946	20,720,000	1900	25,956,560
1900-1901.....	294,408	64,133,440	1901	121,566,480
1901-2.....	434,222	141,787,520	1902	115,993,808
1902-3.....	491,155	138,552,960	1903	215,261,984
1903-4.....	474,193	211,498,560	1904	187,530,152
1904-5.....	459,700	481,376,000	1905	153,911,968
1905-6.....	485,900	473,088,000	1906	193,228,000
1906-7.....	622,000	613,088,000	1907	170,694,160
1907-8.....	868,600	789,600,000	1908	199,567,088
1908-9.....	1,111,000	1,110,368,000	1909	363,234,816
1909-10.....	1,048,700	1,028,832,000	1910	413,295,232
1910-11 ²	960,900	1,074,976,000	1911	(¹)
1911-12 ³	1,200,900	1,214,528,000		

¹ No data.² Figures subject to revision.³ Preliminary.

Exports of peanuts from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
United Kingdom.....	345,072	2,190,944	27,104	18,773,440	1,141,504
Straits Settlements.....	17,800,608	5,621,168	2,303,392	231,728	1,609,776
Hongkong.....	8,705,760	4,738,160	8,870,848	4,862,144	2,524,368
Germany.....	668,192	6,180,048	2,743,328	13,140,512	15,504,944
Belgium.....	3,210,592	9,585,632	1,519,952	16,240,336	42,021,952
France.....	160,019,440	141,387,568	177,174,480	298,508,560	338,468,816
Austria-Hungary.....	1,344,000	224,000	1,568,000	5,275,872	5,845,056
Other countries.....	1,134,336	766,640	5,359,984	6,202,224	6,178,816
Total.....	193,228,000	170,694,160	199,567,088	363,234,816	413,295,232

Area, production, and exports of indigo in British India in 1891-92 to 1911-12.

Agricultural year. (Year ending Mar. 31.)	Area sown.	Production.	Exports.	
			Year ending Mar. 31—	Pounds.
	<i>Acres.</i>	<i>Pounds.</i>		
1891-92.....	(¹)	(¹)	1892	14,190,736
1892-93.....	1,218,766	20,054,272	1893	14,716,688
1893-94.....	1,552,008	20,096,944	1894	18,626,496
1894-95.....	1,688,042	26,599,328	1895	20,981,744
1895-96.....	1,414,002	21,383,488	1896	18,986,576
1896-97.....	1,608,901	18,891,376	1897	14,991,088
1897-98.....	1,339,099	18,682,944	1898	15,140,944
1898-99.....	1,010,318	15,603,840	1899	12,479,040
1899-1900.....	1,026,900	12,531,680	1900	11,478,992
1900-1901.....	990,375	16,579,248	1901	10,052,000
1901-2.....	791,190	12,635,728	1902	7,322,224
1902-3.....	645,511	8,871,184	1903	6,765,920
1903-4.....	706,634	11,513,824	1904	5,516,224
1904-5.....	476,900	6,596,800	1905	3,492,832
1905-6.....	383,600	5,398,400	1906	3,931,424
1906-7.....	421,200	7,358,400	1907	3,638,880
1907-8.....	393,900	5,857,600	1908	2,793,952
1908-9.....	283,900	4,345,600	1909	2,022,832
1909-10.....	289,100	4,401,600	1910	1,897,168
1910-11 ²	263,700	4,267,200	1911	(¹)
1911-12 ³	271,100	5,454,400		

¹ No data.

² Figures subject to revision.

³ Preliminary.

Exports of indigo from British India, by principal countries, years ending Mar. 31, 1906-7 to 1910-11.

Country of destination.	1906-7	1907-8	1908-9	1909-10	1910-11
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
United Kingdom.....	889,504	1,039,920	1,143,408	320,880	333,944
Russia.....	205,856	220,752	169,008	134,288	258,844
Austria-Hungary.....	391,440	399,616	188,496	160,160	185,784
Turkey, Asiatic.....	386,736	362,544	370,608	491,344	299,152
Persia.....	271,204	334,656	131,040	305,760	168,448
Egypt.....	1,029,840	719,488	375,312	289,632	361,984
United States.....	140,896	158,704	145,040	115,024	147,280
Other countries.....	615,888	403,200	271,040	205,744	141,792
Total.....	3,931,424	3,638,880	2,793,952	2,022,832	1,897,168

The number of live stock in British India in 1909-10 as reported by the Department of Revenue and Agriculture was as follows:

Live stock in British India,¹ by provinces and states, 1909-10.

[From Department of Revenue and Agriculture.]

Province and state.	Cattle.	Buffaloes.	Sheep.	Goats.	Horses.	Mules.	Camels.
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
Upper Burma.....	2,805,688	200,869	32,892	92,053	49,792	2,023	.....
Lower Burma.....	1,940,708	558,662	1,964	67,317	20,245	2	.....
Assam.....	2,419,082	254,461	7,637	574,710	11,018	.....	.....
Bengal.....	21,991,438	2,484,822	1,336,872	5,592,496	202,153	31,936	279
Agra ²	18,453,475	3,150,300	2,146,803	5,013,660	362,574	18,785	13,443
Oudh ²	7,718,580	1,100,401	709,049	2,138,144	144,337	1,645	3,100
Ajmer-Merwara ²	227,166	35,584	237,474	226,826	2,436	.....	1,500
Central India.....	4,838	1,942	.....	1,200	52	.....	.....
Punjab ²	11,456,832	2,866,084	4,591,591	4,253,194	360,502	38,929	270,522
North-West Frontier ²	1,053,360	162,509	620,960	577,124	26,790	12,993	40,574
Sind.....	1,817,034	288,316	424,283	1,074,208	83,577	1,110	115,842
Bombay.....	6,459,421	1,112,362	1,846,596	2,051,974	113,114	1,269	848
Central Provinces.....	7,725,876	1,033,721	350,833	1,111,732	96,736	843	278
Berar.....	1,589,237	228,832	175,557	400,917	26,224	1	269
Madras.....	17,639,236	3,450,161	10,752,471	7,425,741	53,425	4,099	45
Coorg.....	126,147	23,338	284	2,266	314	8	.....
Total.....	103,423,118	16,952,364	23,235,176	30,603,562	1,553,289	113,643	446,700

¹ Eastern Bengal not included.

² In 1908-9.

Remarks.—The estimates of the Department of Revenue and Agriculture show among other data the area actually sown in all India to each crop. In the case of land from which more than one crop is taken annually, the area actually sown is shown under each crop heading, and the total number of acres from which more than one crop is taken is also recorded.

The Commercial Intelligence Department gives the acreage actually sown in specified provinces and states and the production therefrom, whether the crop comes to maturity or not, but fields which have been sown with other crops, owing to the failure of the first sowings, are not entered. The surface covered by the several crops in a mixed field is estimated in various ways in the different provinces, and the estimates of production are based on formulæ prescribed by the provincial authorities.

Approved:

JAMES WILSON,

Secretary of Agriculture.

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